

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Div. Environmental Health, 11 SHS
(207) 287-2070 FAX (207) 287-4172

PROPERTY LOCATION		>> CAUTION: LPI APPROVAL REQUIRED <<	
City, Town, or Plantation	LAMOINE	Town/City	Lamoine Permit # 1997
Street or Road	LAMOINE BEACH ROAD	Date Permit Issued	8.4.20 Fee \$ 265 Double Fee Charged ()
Subdivision, Lot #		Local Plumbing Inspector Signature	<i>[Signature]</i> L.P.I. # 394
OWNER/APPLICANT INFORMATION		Fee: \$ 265 state min. fee \$ Locally adopted fee	
Name (last, first, MI)	NEWTON, DAVE	Copy: <input type="checkbox"/> Owner <input type="checkbox"/> Town <input checked="" type="checkbox"/> State	
Mailing Address of <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant	4904 BERTIZAN DRIVE HOLLY SPRINGS, NC 27540	The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with the application and the Maine Subsurface Wastewater Disposal Rules.	
Daytime Tel. #	(540) 809-7805	Municipal Tax Map # 12	Lot # 20
OWNER OR APPLICANT STATEMENT		CAUTION: INSPECTION REQUIRED	
I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a permit.		I have inspected the installation authorized above and found it to be in compliance with Subsurface Wastewater Disposal Rules Application.	
<i>[Signature]</i> 7/28/20 Signature of Owner or Applicant Date		(1st Date Approved)	
		Local Plumbing Inspector Signature (2nd Date Approved)	

PERMIT INFORMATION	
TYPE OF APPLICATION	THIS APPLICATION REQUIRES
<input type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type Replaced: _____ Year Installed: _____ <input checked="" type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. Minor Expansion <25% <input checked="" type="checkbox"/> b. Major Expansion ≥ 25% <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	<input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input checked="" type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit
SIZE OF PROPERTY ____ ± <input type="checkbox"/> sq. ft. <input checked="" type="checkbox"/> acres	DISPOSAL SYSTEM TO SERVE
SHORELAND ZONING <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: 3 <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input checked="" type="checkbox"/> 3. Other: (SPECIFY) PROPOSED 2 BEDROOM GARAGE APARTMENT Current Use: <input type="checkbox"/> Seasonal <input checked="" type="checkbox"/> Year Round <input type="checkbox"/> Undeveloped
	DISPOSAL SYSTEM COMPONENT(S)
	<input checked="" type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous components
	TYPE OF WATER SUPPLY
	<input type="checkbox"/> Proposed <input checked="" type="checkbox"/> Existing <input type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. dug Well <input type="checkbox"/> 3. Private <input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other: _____

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK <input checked="" type="checkbox"/> 1. Concrete 1-1000 GAL. <input type="checkbox"/> a. Regular EXISTING <input type="checkbox"/> b. Low Profile 1-1000 GAL. <input type="checkbox"/> c. with lift station PROPOSED <input type="checkbox"/> d. water tight <input type="checkbox"/> e. two compartment <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: _____ CAPACITY: 2000 gallons	DISPOSAL FIELD TYPE & SIZE <input checked="" type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input type="checkbox"/> 3. Proprietary Device _____ <input type="checkbox"/> a. Cluster Array <input type="checkbox"/> c. Linear <input type="checkbox"/> b. Regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE: 1500 sq. ft. <input type="checkbox"/> lin. ft.	GARBAGE DISPOSAL UNIT <input type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input type="checkbox"/> a. Multi-compartment Tank <input type="checkbox"/> b. _____ Tanks in Series <input type="checkbox"/> c. Increase in Tank Capacity <input type="checkbox"/> d. Filter on Tank Outlet	DESIGN FLOW 450 gallons per day BASED ON <input checked="" type="checkbox"/> 1. Table 4A (dwelling unit(s)) <input type="checkbox"/> 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities 3 BEDROOM HOUSE: 270 GPD 2 BEDROOM GARAGEAPT: 180 GPD 450 GPD
SOIL DATA & DESIGN CLASS PROFILE: 3 CONDITION: C at Observation Hole # 2 Depth 20" OF MOST LIMITING SOIL FACTOR	DISPOSAL FIELD SIZING <input type="checkbox"/> 1. Medium - 2.6 sq. ft./gpd <input type="checkbox"/> 2. Medium-Large - 3.3 sq. ft./gpd <input type="checkbox"/> 3. Large - 4.1 sq. ft./gpd <input type="checkbox"/> 4. Extra Large - 5.0 sq. ft./gpd	EFFLUENT/EJECTOR PUMP <input type="checkbox"/> 1. Not Required <input type="checkbox"/> 2. May be Required <input type="checkbox"/> 3. Required Specify only for engineered systems DOSE: _____ gallons	Section 4G (meter readings) ATTACH WATER METER DATA LATITUDE AND LONGITUDE at center of disposal area Lat. 44° 27' 41.88" N Lon. 68° 18' 47.02" W If g.p.s., state margin of error 30'

SITE EVALUATOR STATEMENT

I certify that on 9-19-19 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

<i>[Signature]</i> Site Evaluator Signature	319 SE#	9-28-19 Date
WILLIAM A. LaBELLE, JR.	(207) 537-5900 Telephone Number	labellesept@rivah.net E-mail Address
Site Evaluator Name Printed		

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

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Owner or Applicant Name

DAVE NEWTON

Scale 1" = 30 Ft

SITE LOCATION PLAN
(Attach map from Maine Atlas
for First Time System Variance)

A map showing the intersection of **Lamoine** and **Beach Road**. The intersection is marked with an asterisk (*). The area is divided into four quadrants by these roads. The quadrants are labeled as follows:

- Top Left: **Acer Lane**
- Top Right: **Lamoine**
- Bottom Left: **Icehouse Lane**
- Bottom Right: *** Beach Road**

The **SITE** is located on **Beach Road**, south of the intersection with **Lamoine**.

Observation Hole # 2 ☒ Test Pit ☐ Boring

112 * Depth of organic horizon above mineral soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Depth (inches)	Texture	Consistency	Color	Mottling
0 - 10	FINE SANDY LOAM	FRIABLE	DARK YELLOWISH BROWN (10YR 3/4)	N.E.
10 - 20	LOAMY FINE SAND TO COARSE SAND	FIRM	DARK YELLOWISH BROWN (10YR 4/6)	POSSIBLE
20 - 30				
30 - 40				
40 - 50				

Soil Profile: 3
Classification: C
Slope: 1 1/2%
Limiting Factor: 20" Depth
Legend: ☒ Ground Water, ☐ Restrictive Layer, ☐ Bedrock, ☐ Pit Depth

9-20-19
Date

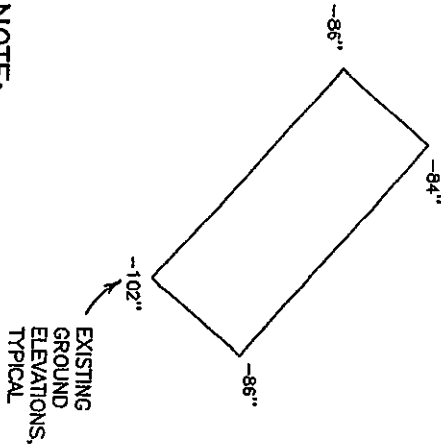
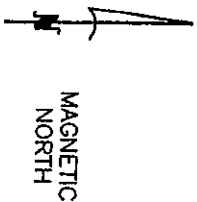
Town, City, Plantation
LAMOINE

Street, Road, Subdivision
LAMOINE BEACH ROAD

Owner or Applicant Name
DAVE NEWTON

SITE PLAN:

SCALE: 1" = 40 FT.



NOTE:
IF PUMPED, INSTALL 2" PRESSURE LINE PROTECTED FROM FREEZING AND CRUSHING AND DISTRIBUTION BOX PROTECTED FROM FREEZING.

NOTE:
EXISTING TANK: UNCOVER AND PUMP OUT, CHECK CONDITION OF BAFFLES, REPLACE IF NEEDED AND INSTALL RISERS FOR ALL 3 COVERS.



Site Evaluator's Signature

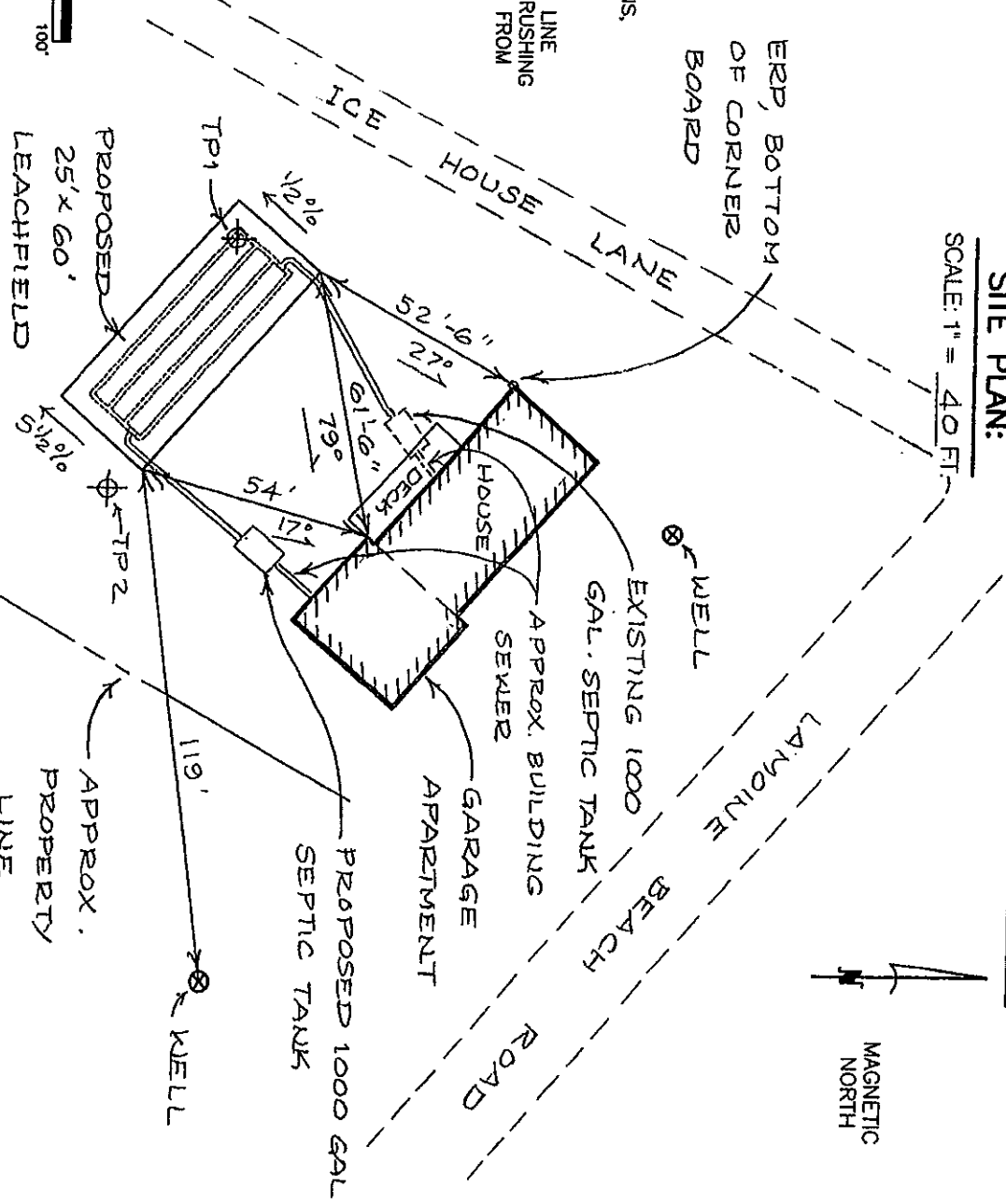
Handwritten signature

S.E. #

319

Date

9-28-19



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Town, City, Plantation
LAMOINE

Street, Road, Subdivision
LAMOINE BEACH ROAD

Owner or Applicant Name
DAVE NEWTON

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.

(SEE ATTACHED SUBSURFACE
WASTEWATER DISPOSAL PLAN)

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT
Depth of Backfill (Upslope)	<u>16'-18"</u>	Finished Grade Elevation	<u>CROWN -63"</u>			Location & Description <u>BOTTOM</u>
Depth of Backfill (Downslope)	<u>18'-34"</u>	Top of Distribution Pipe or Proprietary Device	<u>-79"</u>	<u>N/A</u>		<u>OF CORNER BOARD,</u>
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field	<u>-90"</u>			<u>10" ABOVE GROUND,</u>
						Reference Elevation is: <u>0"</u>

NOTES:

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

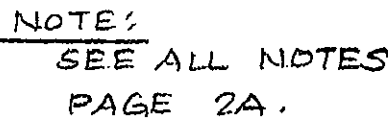
1. Tank(s) must be 8' minimum from building.
2. Grade surrounding area to divert surface water away from system.
3. All work done adjacent to wetlands and water bodies must be done in compliance with Section 12 of the Subsurface Wastewater Disposal Rules. Erosion and sediment control measures must be in accordance with the March 2003 edition of the Maine DEP Handbook "Maine Erosion and Sediment Control BMPS" (DEPW0588).
4. Install septic tank(s) risers 18" in diameter "minimum" to within 6" of finished grade on inlet, cleanout and outlet covers (recommend extending risers to finish grade).

W. C. 2. 1
Site Evaluator's Signature

319
S.E. #

9-28-19
Date

SCALE: 1" = 20 FT.

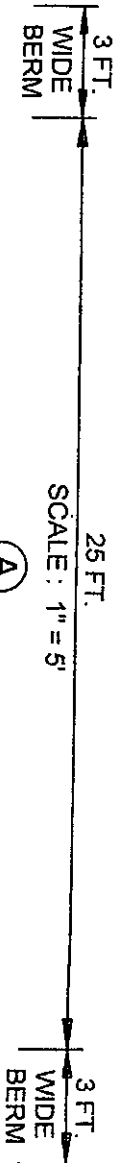


Site Evaluator's Signature

S.E. #

Date _____

DISPOSAL BED CROSS SECTION

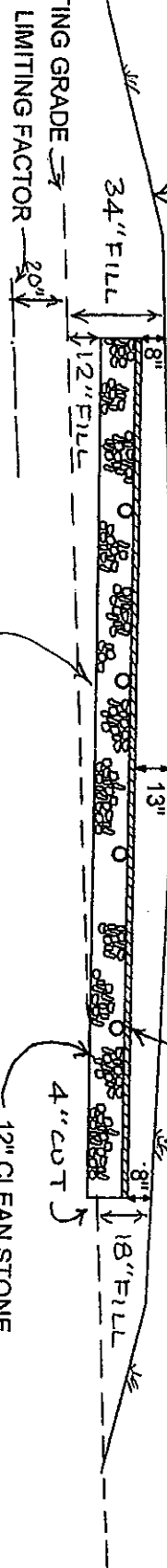


NOTE:
GRADE UPSLOPE TO DIVERT
SURFACE WATER AWAY FROM
SYSTEM.

FILL MATERIAL SHALL BE 8"-12" MIN. THICK
OVER STONE AND SHALL BE GRAVELLY
COARSE SAND TO THE STANDARDS IN
SEC. 11-E IN THE SUBSURFACE RULES.

CROWN FINISH GRADE FROM CENTER AT 3% SLOPE
2" COMPRESSED HAY (OR FILTER FABRIC) SEC. 11-F
PLACED OVER STONE.

FILL EXTENSIONS
NO GREATER THAN 4:1



REMOVE VEGETATION AND SCARIFY
ORIGINAL SOIL UNDER ENTIRE FILL AREA, SEC. 11-B.

BOTTOM OF STONE MUST BE
LEVEL WITH MAXIMUM GRADE
TOLERANCE OF 2" PER 100'

TOP 4" OF FILL TO BE A GOOD LOAM
SOIL MIX TO ESTABLISH A GOOD
VEGETATIVE COVER; SEED
AND MULCH TO PREVENT EROSION,
SEC. 11-G.

NOTE:
SYSTEM MUST BE INSTALLED ACCORDING
TO THE RULES AND PRACTICES SET FORTH
IN THE MOST CURRENT VERSION OF THE
STATE OF MAINE SUBSURFACE WASTEWATER
DISPOSAL RULES. INSTALLATION CONTRATOR
MUST BE FAMILIAR WITH SAID RULES AND
CONSTRUCT SYSTEM IN FULL COMPLIANCE
WITH SECTION 11 OF SAID RULES.

ELEVATIONS:
ELEV. REF. PT. (ERP): 0"
FINISHED GRADE: -63" CROWN
TOP OF DISTRIBUTION PIPE: -79"
BOTTOM OF STONE: -90"

OWNER: DAVE NEWTON
LOCATION: LA MOINE

DOC17

WILLIAM A. LABELLE, JR.

S.E.#

319

DATE

9-28-19